

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022222\
 Data File : FF009973.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2022 17:23
 Operator : AJ\MA
 Sample : PB142868BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB142868BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2022
 Supervised By :Ankita Jodhani 02/23/2022

Integration File: autoint1.e
 Quant Time: Feb 23 00:40:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF021022.M
 Quant Title :
 QLast Update : Fri Feb 11 12:58:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.411	2399781	22.203 ug/mlm
Target Compounds			
1) N-OCTANE	2.148	2374444	17.478 ug/ml
2) N-DECANE	4.202	2792739	20.355 ug/ml
3) N-DODECANE	6.207	2875779	20.921 ug/ml
4) N-TETRADECANE	7.992	2910598	21.296 ug/ml
5) N-HEXADECANE	9.584	2901041	21.479 ug/ml
6) N-OCTADECANE	11.019	2919157	21.491 ug/ml
7) N-EICOSANE	12.322	2842223	22.083 ug/ml
8) N-DOCOSANE	13.516	2724522	21.884 ug/ml
10) N-TETRACOSANE	14.614	2691904	21.738 ug/ml
11) N-HEXACOSANE	15.630	2560706	21.557 ug/ml
12) N-OCTACOSANE	16.577	2489495	21.213 ug/ml
13) N-TRIACONTANE	17.460	2412997	20.796 ug/ml
14) N-DOTRIACONTANE	18.290	2248913	19.419 ug/ml
15) N-TETRATRIACONTANE	19.070	1840956	16.452 ug/ml
16) N-HEXATRIACONTANE	19.805	1371606	13.029 ug/mlm
17) N-OCTATRIACONTANE	20.509	1183333	12.713 ug/mlm
18) N-TETRACONTANE	21.315	1108583	11.933 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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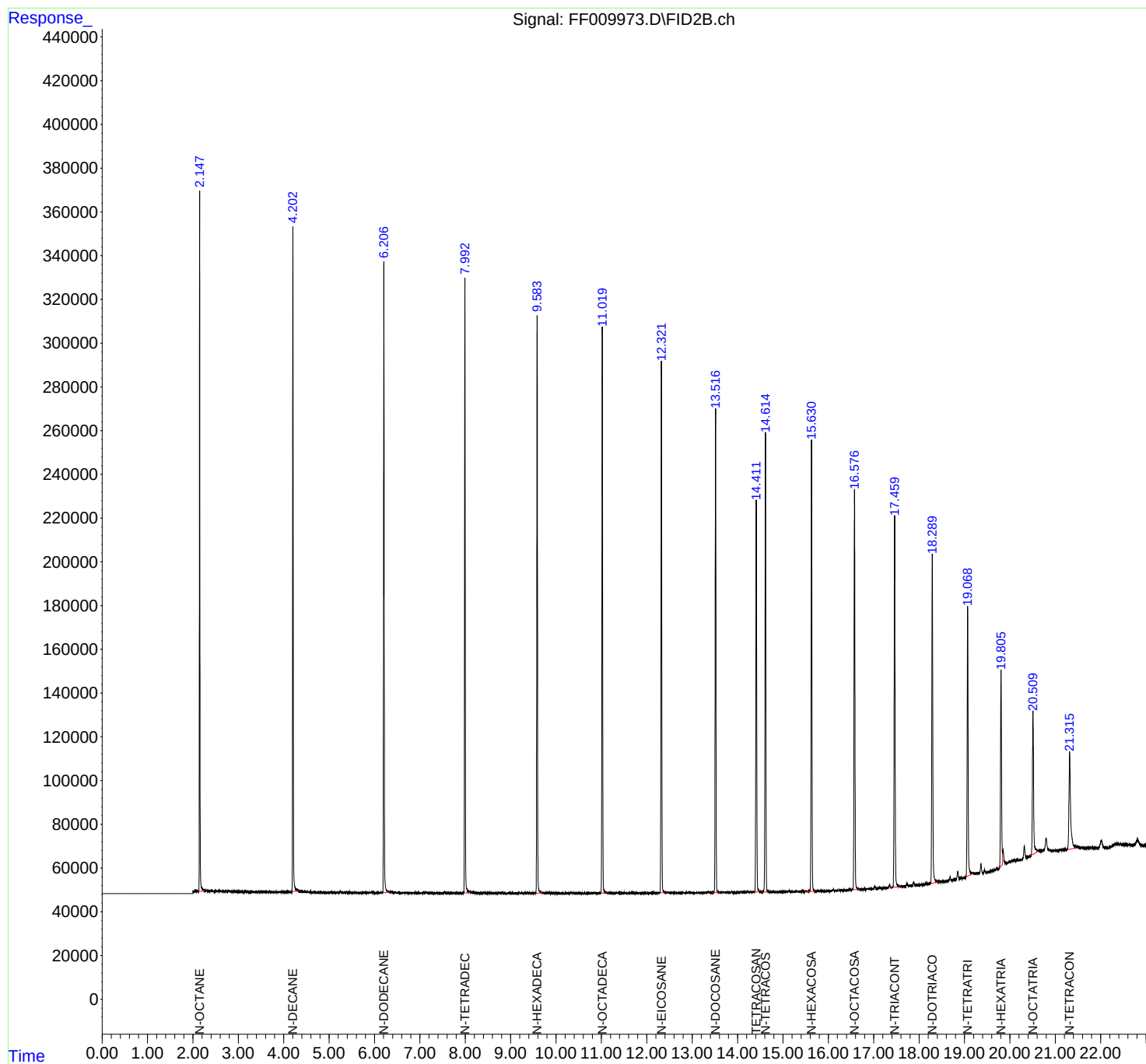
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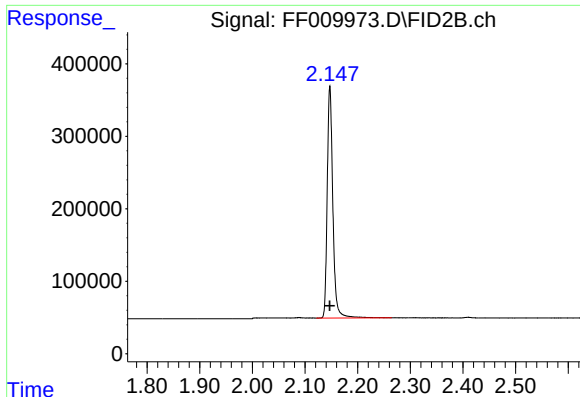
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#1 N-OCTANE

R.T.: 2.148 min
Delta R.T.: 0.000 min
Response: 2374444
Conc: 17.48 ug/ml

Instrument :

FID_F

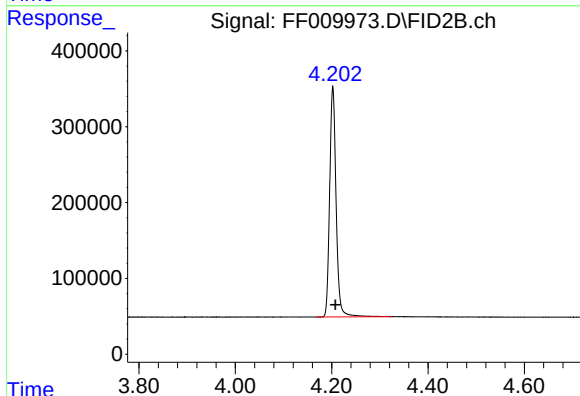
ClientSampleId :

PB142868BS

Manual Integrations

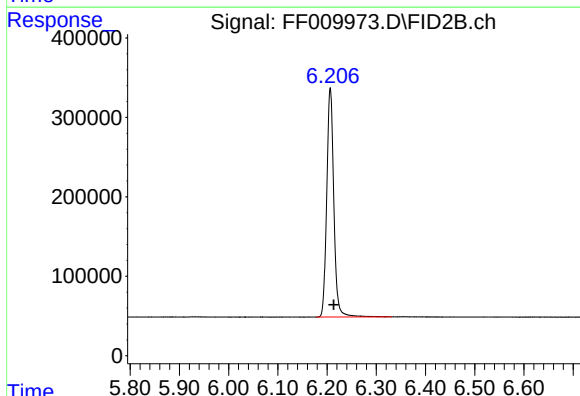
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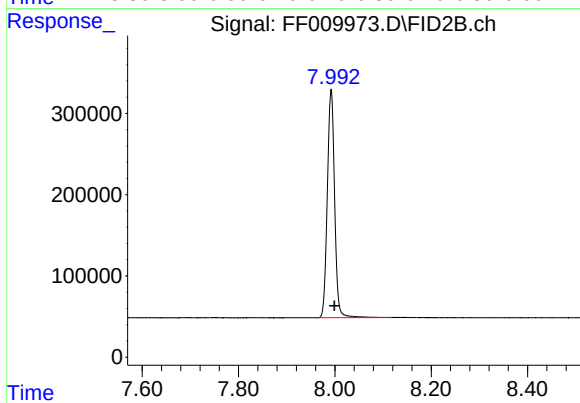
#2 N-DECANE

R.T.: 4.202 min
Delta R.T.: -0.005 min
Response: 2792739
Conc: 20.36 ug/ml



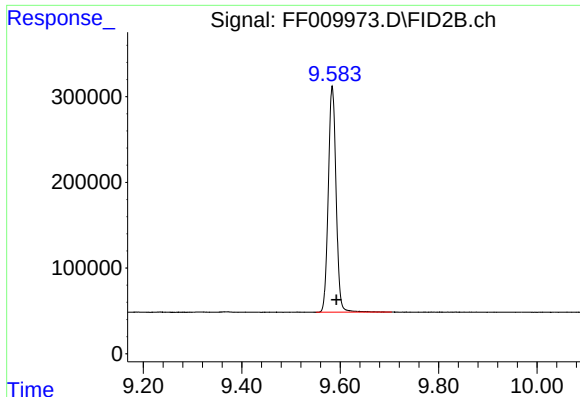
#3 N-DODECANE

R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 2875779
Conc: 20.92 ug/ml



#4 N-TETRADECANE

R.T.: 7.992 min
Delta R.T.: -0.007 min
Response: 2910598
Conc: 21.30 ug/ml



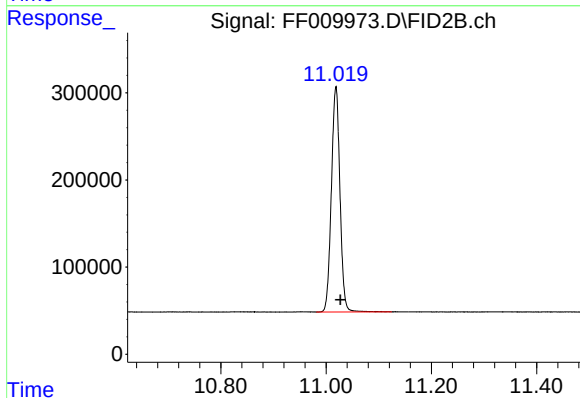
#5 N-HEXADECANE

R.T.: 9.584 min
Delta R.T.: -0.008 min
Response: 2901041
Conc: 21.48 ug/ml

Instrument :
FID_F
ClientSampleId :
PB142868BS

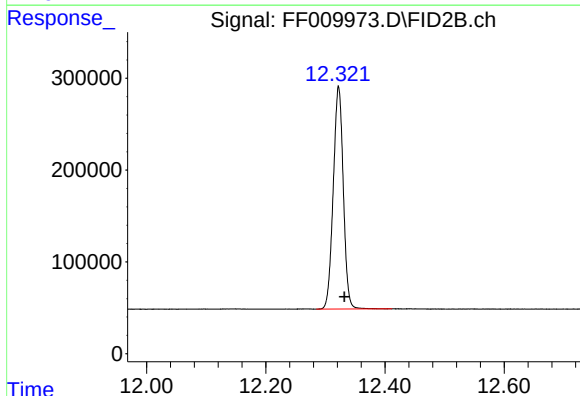
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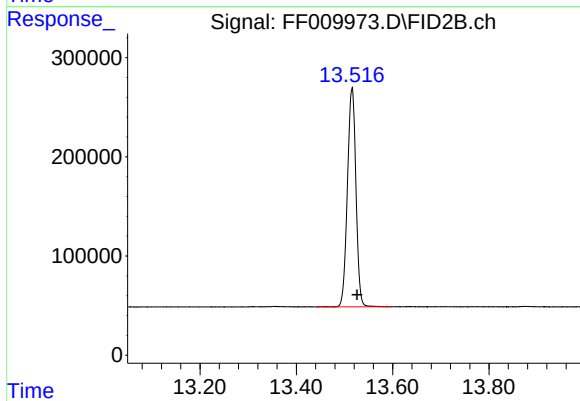
#6 N-OCTADECANE

R.T.: 11.019 min
Delta R.T.: -0.009 min
Response: 2919157
Conc: 21.49 ug/ml



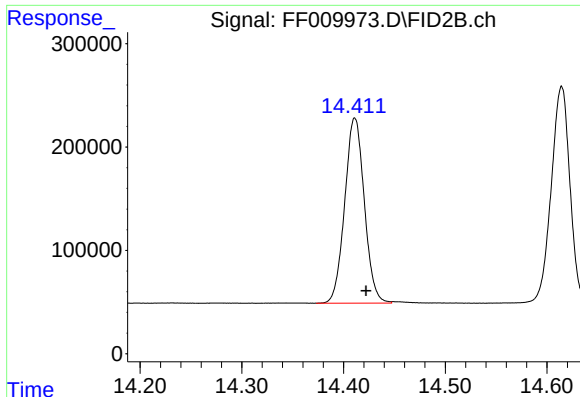
#7 N-EICOSANE

R.T.: 12.322 min
Delta R.T.: -0.010 min
Response: 2842223
Conc: 22.08 ug/ml



#8 N-DOCOSANE

R.T.: 13.516 min
Delta R.T.: -0.010 min
Response: 2724522
Conc: 21.88 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.411 min
Delta R.T.: -0.012 min
Response: 2399781
Conc: 22.20 ug/ml

Instrument :

FID_F

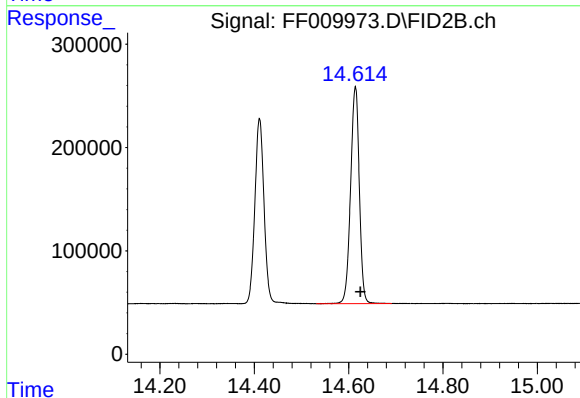
ClientSampleId :

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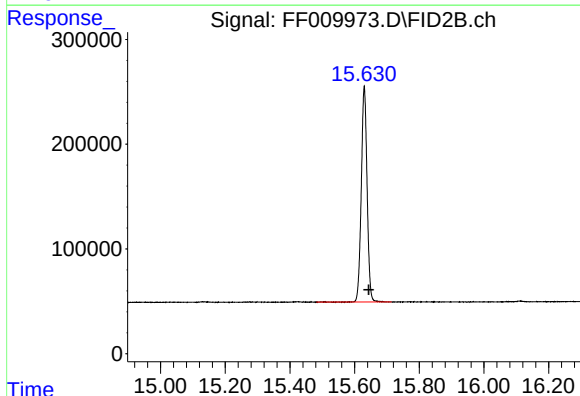
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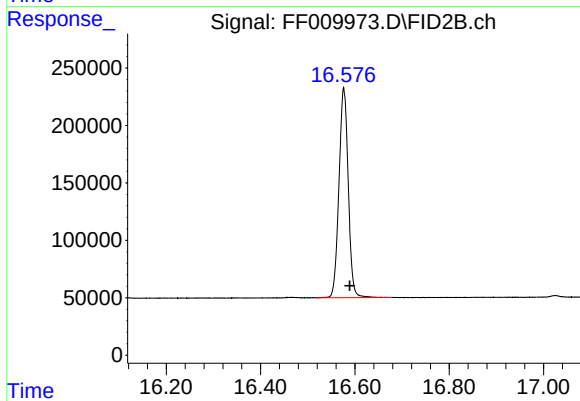
#10 N-TETRACOSANE

R.T.: 14.614 min
Delta R.T.: -0.011 min
Response: 2691904
Conc: 21.74 ug/ml



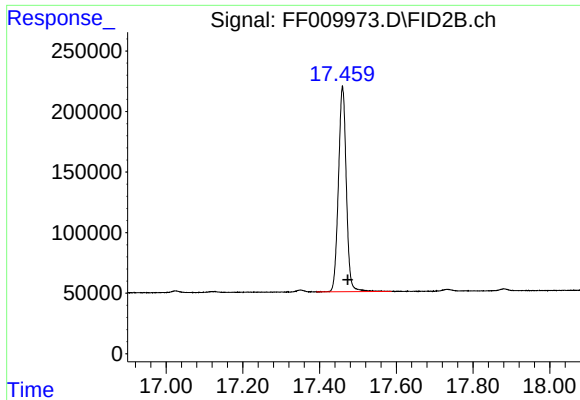
#11 N-HEXACOSANE

R.T.: 15.630 min
Delta R.T.: -0.014 min
Response: 2560706
Conc: 21.56 ug/ml



#12 N-OCTACOSANE

R.T.: 16.577 min
Delta R.T.: -0.013 min
Response: 2489495
Conc: 21.21 ug/ml



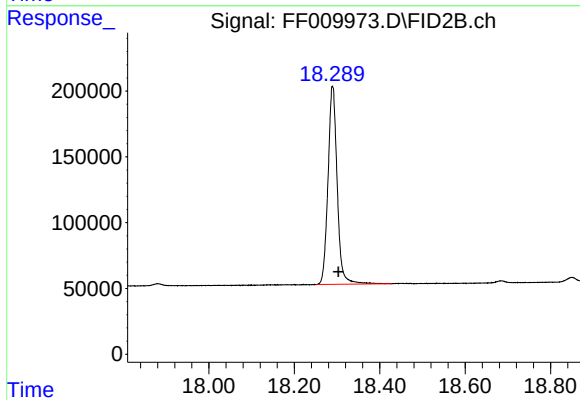
#13 N-TRIACONTANE

R.T.: 17.460 min
Delta R.T.: -0.014 min
Response: 2412997
Conc: 20.80 ug/ml

Instrument :
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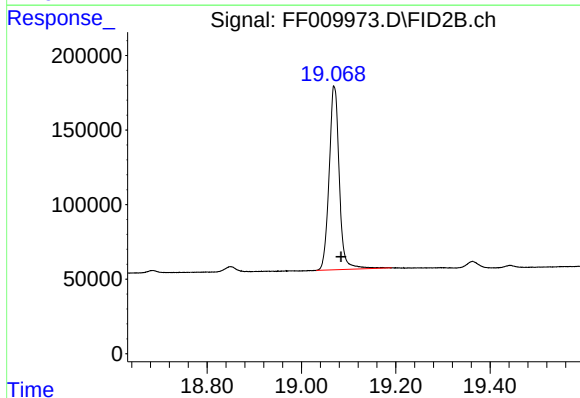
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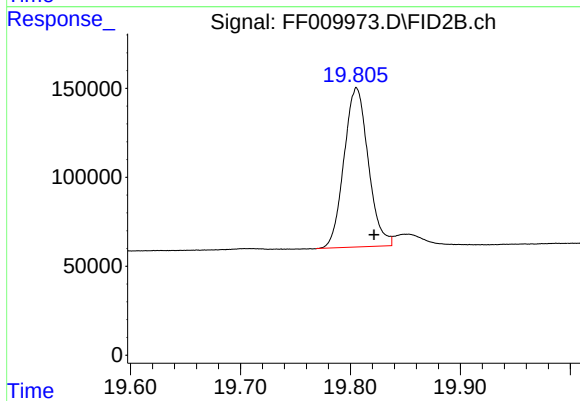
#14 N-DOTRIACONTANE

R.T.: 18.290 min
Delta R.T.: -0.014 min
Response: 2248913
Conc: 19.42 ug/ml



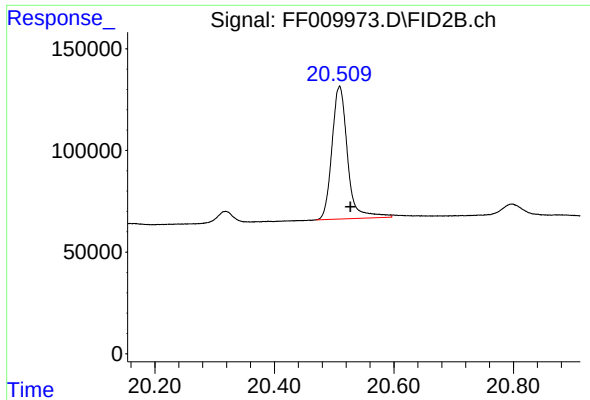
#15 N-TETRATRIACONTANE

R.T.: 19.070 min
Delta R.T.: -0.014 min
Response: 1840956
Conc: 16.45 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.805 min
Delta R.T.: -0.017 min
Response: 1371606
Conc: 13.03 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.509 min
Delta R.T.: -0.018 min
Response: 1183333
Conc: 12.71 ug/ml

Instrument :

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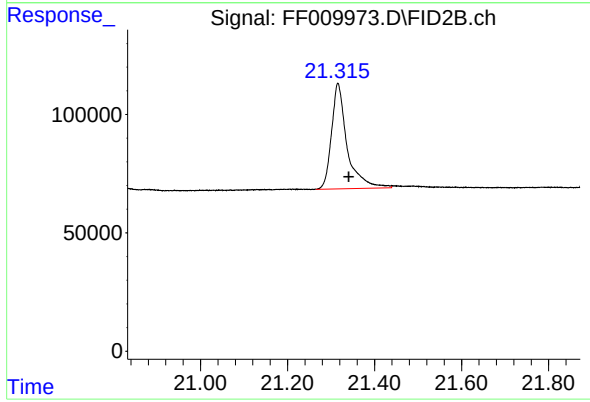
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#18 N-TETRACONTANE

R.T.: 21.315 min
Delta R.T.: -0.026 min
Response: 1108583
Conc: 11.93 ug/ml m